

1 **In the Claims**

2 Claim 17 is amended.

3 Claims 1-40 are pending and are listed below:

4
5 1. (Original) A software architecture for a distributed computing
6 system comprising:

7 an application configured to handle requests submitted by remote devices
8 over a network; and

9 an application program interface to present functions used by the
10 application to access network and computing resources of the distributed
11 computing system, the application program interface comprising various types
12 related to constructing user interfaces.

13
14 2. (Original) A software architecture as recited in claim 1, wherein
15 the various types comprise classes, interfaces, delegates, structures and
16 enumerations.

17
18 3. (Original) A software architecture as recited in claim 1, wherein
19 the distributed computing system comprises client devices and server devices that
20 handle requests from the client devices, the remote devices comprising at least
21 one client device.

22
23 4. (Original) A software architecture as recited in claim 1, wherein
24 the distributed computing system comprises client devices and server devices that
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1 handle requests from the client devices, the remote devices comprising at least
2 one server device that is configured as a Web server.

3
4 5. (Original) An application program interface embodied on one or
5 more computer readable media, comprising: multiple types related to constructing
6 user interfaces, the types comprising classes, interfaces, delegates, structures and
7 enumerations.

8
9 6. (Original) An application program interface as recited in claim 5,
10 wherein the classes comprise a forms class that represents a window or a dialog
11 box that makes up an application's user interface.

12
13 7. (Original) An application program interface as recited in claim 6,
14 wherein the forms class has multiple members comprising one or more of: public
15 static properties, public static methods, public instance constructors, public
16 instance methods, public instance properties, public instance events, protected
17 instance properties, and protected instance methods.

18
19 8. (Original) An application program interface as recited in claim 5,
20 wherein the type comprising the interfaces comprises a button control interface
21 that allows a control to act like a button on a form.

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23 9. (Original) An application program interface as recited in claim 5,
24 wherein the type comprising the interfaces comprises a container control interface
25 that provides functionality for a control to act as a parent for other controls.

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2 10. (Original) An application program interface as recited in claim 5,
3 wherein the type comprising the interfaces comprises an editing notification
4 interface.

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6 11. (Original) An application program interface as recited in claim 5,
7 wherein the type comprising the interfaces comprises a data object interface that
8 provides a format independent mechanism for transferring data.

9
10 12. (Original) An application program interface as recited in claim 5,
11 wherein the type comprising the interfaces comprises a feature support interface
12 that specifies a standard interface for retrieving feature information from a current
13 system.

14
15 13. (Original) An application program interface as recited in claim 5,
16 wherein the type comprising the interfaces comprises a message filter interface.

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18 14. (Original) An application program interface as recited in claim 5,
19 wherein the type comprising the interfaces comprises a handle-exposing interface
20 to expose handles.

21
22 15. (Original) An application program interface as recited in claim 5,
23 wherein the type comprising the interfaces comprises one or more of the
24 following interfaces:
25

1 a button control interface that allows a control to act like a button on a
2 form;
3 a container control interface that provides functionality for a control to act
4 as a parent for other controls;
5 an editing notification interface;
6 a data object interface that provides a format independent mechanism for
7 transferring data;
8 a feature support interface that specifies a standard interface for retrieving
9 feature information from a current system;
10 a message filter interface; and
11 a handle-exposing interface to expose handles.

12
13 16. (Original) A distributed computer software architecture,
14 comprising:

15 one or more applications configured to be executed on one or more
16 computing devices, the applications handling requests submitted from remote
17 computing devices;

18 a networking platform to support the one or more applications; and

19 an application programming interface to interface the one or more
20 applications with the networking platform, the application programming interface
21 comprising various types related to constructing user interfaces.

22
23 17. (Currently Amended) ~~A distributed computer software architecture~~
24 ~~as recited in claim 16,~~ A distributed computer software architecture as recited in
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1 claim 16, wherein the various types comprise classes, interfaces, delegates,
2 structures and enumerations.

3
4 18. (Original) A distributed computer software architecture as recited
5 in claim 17, wherein the classes comprises a forms class that represents a window
6 or a dialog box that makes up an application's user interface.

7
8 19. (Original) A distributed computer software architecture as recited
9 in claim 18, wherein the forms class has multiple members comprising one or
10 more of: public static properties, public static methods, public instance
11 constructors, public instance methods, public instance properties, public instance
12 events, protected instance properties, and protected instance methods.

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14 20. (Original) A distributed computer software architecture as recited
15 in claim 17, wherein the type comprising the interfaces comprises a button
16 control interface that allows a control to act like a button on a form.

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18 21. (Original) A distributed computer software architecture as recited
19 in claim 17, wherein the type comprising the interfaces comprises a container
20 control interface that provides functionality for a control to act as a parent for
21 other controls.

22
23 22. (Original) A distributed computer software architecture as recited
24 in claim 17, wherein the type comprising the interfaces comprises an editing
25 notification interface.

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2 23. (Original) A distributed computer software architecture as recited
3 in claim 17, wherein the type comprising the interfaces comprises a data object
4 interface that provides a format independent mechanism for transferring data.
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6 24. (Original) A distributed computer software architecture as recited
7 in claim 17, wherein the type comprising the interfaces comprises a feature
8 support interface that specifies a standard interface for retrieving feature
9 information from a current system.
10

11 25. (Original) A distributed computer software architecture as recited
12 in claim 17, wherein the type comprising the interfaces comprises a message filter
13 interface.
14

15 26. (Original) A distributed computer software architecture as recited
16 in claim 17, wherein the type comprising the interfaces comprises a handle-
17 exposing interface to expose handles.
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19 27. (Original) A distributed computer software architecture as recited
20 in claim 17, wherein the type comprising the interfaces comprises one or more of
21 the following interfaces:

22 a button control interface that allows a control to act like a button on a
23 form;

24 a container control interface that provides functionality for a control to act
25 as a parent for other controls;

1 an editing notification interface;
2 a data object interface that provides a format independent mechanism for
3 transferring data;
4 a feature support interface that specifies a standard interface for retrieving
5 feature information from a current system;
6 a message filter interface; and
7 a handle-exposing interface to expose handles.

8
9 28. (Original) A computer system including one or more
10 microprocessors and one or more software programs, the one or more software
11 programs utilizing an application program interface to request services from an
12 operating system, the application program interface including separate commands
13 to request services comprising services related to constructing user interfaces.

14
15 29. (Original) A method, comprising:
16 managing network and computing resources for a distributed computing
17 system; and
18 exposing a set of functions that enable developers to access the network
19 and computing resources of the distributed computing system, the set of functions
20 comprising functions to facilitate construction of user interfaces

21
22 30. (Original) A method as recited in claim 29, further comprising
23 receiving a request from a remote computing device, the request containing a call
24 to the set of functions.
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1 31. (Original) A method, comprising creating a namespace with
2 functions that enable drawing and construction of user interfaces, the name space
3 defining classes, interfaces, delegates, structures and enumerations.
4

5 32. (Original) A method as recited in claim 31, wherein the namespace
6 defines a forms class that represents a window or a dialog box that makes up an
7 application's user interface.
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9 33. (Original) A method as recited in claim 32, wherein the forms class
10 has multiple members comprising one or more of: public static properties, public
11 static methods, public instance constructors, public instance methods, public
12 instance properties, public instance events, protected instance properties, and
13 protected instance methods.
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15 34. (Original) A method as recited in claim 31, wherein the namespace
16 defines an interface comprising a button control interface that allows a control to
17 act like a button on a form.
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19 35. (Original) A method as recited in claim 31, wherein the namespace
20 defines an interface comprising a container control interface that provides
21 functionality for a control to act as a parent for other controls.
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23 36. (Original) A method as recited in claim 31, wherein the namespace
24 defines an interface comprising an editing notification interface.
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1 37. (Original) A method as recited in claim 31, wherein the namespace
2 defines an interface comprising a data object interface that provides a format
3 independent mechanism for transferring data.

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5 38. (Original) A method as recited in claim 31, wherein the namespace
6 defines an interface comprising a feature support interface that specifies a
7 standard interface for retrieving feature information from a current system.

8
9 39. (Original) A method as recited in claim 31, wherein the namespace
10 defines an interface comprising a message filter interface.

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12 40. (Original) A method as recited in claim 31, wherein the namespace
13 defines an interface comprising a handle-exposing interface to expose handles.
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